



| | | |
|--------------------------------------------------|----------------------------------------|---------------------|
| Form PTO-1449 | Serial Number 09/735,860 | Docket PD-200275 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | Applicant DONALD C. D. CHANG ET AL. | |
| (Use several sheets if necessary) | Filing Date December 12, 2000 | Group 2683 |

U.S. PATENT DOCUMENTS

| | Document Number | Date | Name | Class | Sub Class |
|------------|--------------------|-----------|--------------------|-------|--------------|
| <i>Ref</i> | 3,541,553 | 11/17/70 | S. Gubin | | |
| <i>Ref</i> | 3,720,953 | 03/13/73 | Ajioka | | |
| | 4,799,065 | 01/17/89 | Thompson | | |
| | 4,812,788 | 03/14/89 | Wong et al. | | |
| | 4,823,341 | 04/18/89 | Rosen | | |
| | 5,081,464 | 01/14/92 | Renshaw | | |
| | 5,151,706 | 09/29/92 | Roederer et al | | |
| | 5,233,626 | 08/03/93 | Ames | | |
| | 5,257,030 | 10/26/93 | Aoki et al. | | |
| | 5,278,863 | 01/11/94 | Briskman | | |
| | 5,319,673 | 06/07/94 | Briskman | | |
| | 5,327,455 | 07/05/94 | De Gaudenzi et al. | | |
| | 5,379,320 | 01/03/95 | Fernandes et al. | | |
| | 5,485,485 | 01/16/96 | Briskman et al. | | |
| | 5,552,798 | 09/03/96 | Dietrich et al. | | |
| | 5,568,484 | 10/22/96 | Margis | | |
| | 5,589,834 | 12/ 31/96 | Weinberg et al. | | |
| | 5,592,471 | 01/07/97 | Briskman | | |
| | 5,625,864 | 04/29/97 | Budow et al. | | |
| | 5,659,350 | 08/19/97 | Hendricks et al. | | |
| | 5,682,195 | 10/28/97 | Hendricks et al. | | |
| | 5,684,799 | 11/04/97 | Bigham et al. | | |
| <i>Ref</i> | 5,727,065 | 03/10/98 | Dillon | | |
| <i>Ref</i> | 5,729,279 | 03/17/98 | Fuller | | |

RECEIVED

OCT 17 2003

Technology Center 2600

FOREIGN PATENT DOCUMENTS

| | Document Number | Date | COUNTRY | Class | Sub Class |
|------------|--------------------|----------|---------|-------|--------------|
| <i>Ref</i> | ✓ EP 0 682 416 A2 | 11/15/95 | EPO | — | — |
| <i>Ref</i> | ✓ EP 0 860 952 A | 08/26/98 | EPO | — | — |
| <i>Ref</i> | ✓ EP 0 961 416 A1 | 12/01/99 | EPO | — | — |
| <i>Ref</i> | ✓ EP 1 037 403 A2 | 09/20/00 | EPO | — | — |
| <i>Ref</i> | ✓ EP 1 122 813 A2 | 08/08/01 | EPO | — | — |

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

| | |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Ref</i> | Colella, Nicholas J. et al., "High Speed Internet Access via Stratospheric HALO Aircraft", INET 99 Proceedings, Internet Society, Technology, Wireless, 13 pages, June 8, 1999 |
| <i>Ref</i> | Casewell I.E., "The provision of GSM cellular radio environments within passenger aircraft operating over Europe", Racal Res. Ltd., Walton-on-Thames, Mobile Radio and Personal Communications, 1989, Fifth International Conference, 12/11/89-12/14/89, pages 172-176. |
| Examiner: | Date Considered: |
| <i>Elizabeth DeLeon</i> | <i>1-16-04</i> |



| | | |
|--------------------------------------------------|----------------------------------------|---------------------|
| Form PTO-1449 | Serial Number 09/735,860 | Docket PD-200275 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | Applicant DONALD C. D. CHANG ET AL. | |
| (Use several sheets if necessary) | Filing Date December 12, 2000 | Group 2683 |

U.S. PATENT DOCUMENTS

| | Document Number | Date | Name | Class | Sub Class |
|------|--------------------|------------|------------------|-------|--------------|
| 11.2 | 5,751,971 | 05/12/98 | Dobbins et al. | | |
| | 5,754,139 | 05/19/98 | Turcotte et al. | | |
| | 5,764,187 | 06/09/98 | Rudish et al. | | |
| | 5,790,541 | 08/04/98 | Patrick et al. | | |
| | 5,790,546 | 08/04/98 | Dobbins et al. | | |
| | 5,839,053 | 11/17/98 | Bosch et al. | | |
| | 5,852,721 | 12/22/98 | Dillon et al. | | |
| | 5,864,579 | 01/26/99 | Briskman | | |
| | 5,867,109 | 02/02/99 | Wiedeman | | |
| | 5,878,034 | 03/02/99 | Hershey et al. | | |
| | 5,907,816 | 05/25/99 | Newman et al. | | |
| | 5,918,157 | 06/29/99 | Wiedeman et al. | | |
| | 5,956,619 | 09/21/99 | Gallagher et al. | | |
| | 5,982,337 | 11/ 09 /99 | Newman et al | | |
| | 5,990,928 | 11/23/99 | Sklar et al. | | |
| | 5,995,725 | 11/30/99 | Dillon | | |
| 11.2 | 5,995,726 | 11/30/99 | Dillon | | |
| | 6,014,372 | 01/11/00 | Kent et al. | | |

FOREIGN PATENT DOCUMENTS

| | Document Number | Date | COUNTRY | Class | Sub Class |
|------|--------------------|----------|-------------------------------------------------|-------|--------------|
| 11.2 | ✓ EP 1 139 583 A2 | 10/04/01 | EPO | | |
| | ✓ EP 1 148 662 A2 | 10/24/01 | EPO | | |
| | ✓ EP 1 152 552 A2 | 11/07/01 | EPO | | |
| | ✓ EP 1 158 698 A2 | 11/28/01 | EPO | | |
| | ✓ EP 1 161 001 A2 | 12/05/01 | EPO | | |
| | ✓ GB 2 349 045 | 10/18/00 | Great Britain | | |
| | ✓ JP 10-209939 | 08/07/98 | Japan (believed to correspond to USP 5,956,619) | | |
| | ✓ JP 11-8579 | 01/12/99 | Japan (believed to correspond to USP 5,918,157) | | |
| | ✓ JP2001345747 A | 12/14/01 | Japan. Filed 06/02/00 | | |
| | ✓ WO 01/91310 A3 | 11/29/01 | WIPO | | |
| | ✓ WO 01/93458 A2 | 12/06/01 | WIPO | | |
| | ✓ WO 01/94969 A3 | 12/13/01 | WIPO | | |
| | ✓ WO 01/95522 A1 | 12/13/01 | WIPO | | |
| 11.2 | ✓ WO 90/13186 | 11/01/90 | WIPO | | |

RECEIVED
OCT 17 2003
Technology Center 2600

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Examiner: *Z. B. ...*

Date Considered: *1-16-04*



| | | |
|--------------------------------------------------|----------------------------------------|---------------------|
| Form PTO-1449 | Serial Number 09/735,860 | Docket PD-200275 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | Applicant DONALD C. D. CHANG ET AL. | |
| (Use several sheets if necessary) | Filing Date December 12, 2000 | Group 2683 |

U.S. PATENT DOCUMENTS

| | Document Number | Date | Name | Class | Sub Class |
|-----|--------------------|----------|---------------------|-------|--------------|
| H-Z | 6,016,124 | 01/18/00 | Lo et al. | | |
| | 6,016,388 | 01/18/00 | Dillon | | |
| | 6,018,316 | 01/25/00 | Rudish et al. | | |
| | 6,020,845 | 02/01/00 | Weinberg et al. | | |
| | 6,034,634 | 03/07/00 | Karlsson et al. | | |
| | 6,061,562 | 05/09/00 | Martin et al. | | |
| | 6,104,911 | 08/15/00 | Diekelman | | |
| | 6,105,060 | 08/15/00 | Rothblatt | | |
| | 6,118,824 | 09/12/00 | Smith et al. | | |
| | 6,151,496 | 11/21/00 | Richards et al. | | |
| | 6,157,621 | 12/05/00 | Brown et al. | | |
| | 6,161,141 | 12/12/00 | Dillon | | |
| | 6,173,178 B1 | 01/09/01 | Hammill et al. | | |
| | 6,201,797 B1 | 03/13/01 | Leuca et al. | | |
| | 6,204,822 B1 | 03/20/01 | Cardiasmenos et al. | | |
| | 6,208,307 B1 | 03/27/01 | Frisco et al. | | |
| | 6,208,858 B1 | 03/27/01 | Antonio et al. | | |
| | 6,215,776 B1 | 04/10/01 | Chao | | |
| | 6,259,415 B1 | 07/10/01 | Kumpfbeck et al. | | |
| | 6,266,528 B1 | 07/24/01 | Farzaneh | | |
| | 6,269,244 B1 | 07/31/01 | Alperovich et al. | | |
| | 6,295,440 B2 | 09/25/01 | Chang et al. | | |
| | 6,301,231 B1 | 10/09/01 | Hassan et al. | | |
| | 6,308,045 B1 | 10/23/01 | Wright et al. | | |
| | 6,314,269 | 11/06/01 | Hart et al. | | |
| | 6,317,420 B1 | 11/13/01 | Schiff | | |
| | 6,324,398 B1 | 11/27/01 | Lanzerotti et al. | | |
| | 6,337,911 B1 | 01/08/02 | Dillon | | |
| | 6,337,980 B1 | 01/08/02 | Chang et al. | | |
| H-Z | 6,338,131 B1 | 01/08/02 | Dillon | | |

RECEIVED

OCT 17 2003

Technology Center 2600

FOREIGN PATENT DOCUMENTS

| | Document Number | Date | COUNTRY | Class | Sub Class |
|-----|--------------------|----------|---------|-------|--------------|
| H-Z | WO 97/07609 A | 02/27/97 | WIPO | | |
| H-Z | WO 99/16201 | 04/01/99 | WIPO | | |

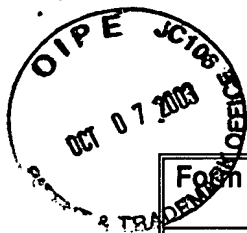
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Examiner:

Bleacher, Robert

Date Considered:

1-16-04



| | | |
|--------------------------------------------------|----------------------------------------|---------------------|
| Form PTO-1449 | Serial Number 09/735,860 | Docket PD-200275 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | Applicant DONALD C. D. CHANG ET AL. | |
| (Use several sheets if necessary) | Filing Date December 12, 2000 | Group 2683 |

U.S. PATENT DOCUMENTS

| | Document Number | Date | Name | Class | Sub Class |
|----|--------------------|-----------------------------------|------------------|-------|--------------|
| 17 | 6,339,611 B1 | 01/15/02 | Antonio et al. | 1 | 1 |
| | 6,366,256 B1 | 04/02/02 | Ramanujam et al. | 1 | 1 |
| | 6,366,761 B1 | 04/02/02 | Montpetit | 1 | 1 |
| | 6,380,893 | 04/30/02 | Chang et al. | 1 | 1 |
| | 6,388,615 B1 | 05/14/02 | Chang et al. | 1 | 1 |
| | 6,388,634 B1 | 05/14/02 | Ramanujam et al. | 1 | 1 |
| | 6,400,925 B1 | 06/04/02 | Tirabassi et al. | 1 | 1 |
| | 6,408,180 B1 | 06/18/02 | McKenna et al. | 1 | 1 |
| | 6,414,646 B2 | 07/02/02 | Luh | 1 | 1 |
| | 6,424,646 | 07/23/02 | Gerszberg et al. | 1 | 1 |
| | 6,429,823 B1 | 08/06/02 | Bains et al. | 1 | 1 |
| | 6,445,777 B1 | 09/03/02 | Clark | 1 | 1 |
| | 6,507,314 B2 | 01/14/03 | Chang et al. | 1 | 1 |
| | 6,507,739 B1 | 01/14/03 | Gross et al. | 1 | 1 |
| | 6,529,706 B1 | 03/04/03 | Mitchell | 1 | 1 |
| | 6,559,797 B1 | 05/06/03 | Chang | 1 | 1 |
| | US 2001/0000167 | 4/2001 | Chang et al. | 1 | 1 |
| | US 2001/0048389 A1 | Pub. 12/06/01 Filed 05/31/01 | Nakagawa | 1 | 1 |
| | US 2002/0006795 A1 | Filed 08/29/2001 Pub. 01/17/02 | Norin | 1 | 1 |
| | US 2002/0050946 A1 | 05/02/02 | Chang et al. | 1 | 1 |
| | US 2002/0053987 A1 | 05/09/02 | Chang et al. | 1 | 1 |
| | US 2002/0072332 A1 | 06/13/02 | Chang et al. | 1 | 1 |
| | US 2002/0072361 A1 | 06/13/02 | Knoblach et al. | 1 | 1 |
| | US 2002/0072374 A1 | 06/13/02 | Chang et al. | 1 | 1 |
| | US 2002/0073437 A1 | 06/13/02 | Chang et al. | 1 | 1 |

RECEIVED

OCT 17 2003

Technology Center 2600

FOREIGN PATENT DOCUMENTS

| | Document Number | Date | COUNTRY | Class | Sub Class |
|------------------------------------------------------------------------|--------------------|------|---------|-------|--------------|
| OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) | | | | | |
| | | | | | |
| | | | | | |
| Examiner: <i>Flowers, Belen</i> Date Considered: <i>1-16-04</i> | | | | | |

